2025 IEEE INTERNATIONAL WORKSHOP ON

METROLOGY for SUSTAINABILITY

BENEVENTO, ITALY / 4-5 DECEMBER 2025

www.metrosustainability.org

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IMPORTANT DATES

JUNE 30, 2025
SPECIAL SESSION PROPOSAL SUBMISSION DEADLINE

JULY 27, 2025
EXTENDED ABSTRACT SUBMISSION DEADLINE

SEPTEMBER 30, 2025
ACCEPTANCE NOTIFICATION

NOVEMBER 5, 2025
FINAL PAPER SUBMISSION DEADLINE

FURTHER INFORMATION

WEBSITE
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The concept of Sustainability, which entails the conscious and careful management of available resources, has emerged as a necessity to ensure that future generations can meet their needs as people do today. In particular, Sustainability has gained significant relevance across various spheres of human activity, including Information and Communication Technologies (ICTs). The balance between sustainability and measurement becomes a multifaceted issue especially when it comes to healthcare. In fact, in biomedical engineering and in medicine in general, the importance of the objective (i.e. patient care) generally overshadows other issues, including the sustainability of the biomedical monitoring solutions that are being employed.

The **1st edition of the IEEE International Workshop on Metrology for Sustainability** represents an international meeting place in the world of research in the field of metrology for sustainability involving a discussion on the state-of-the-art issues that require a joint approach by experts, researchers, operators, and decision-makers by presenting the most innovative solutions in the fields of metrology and sustainability from a scientific and technological point of view. While particular focus is given to the sustainability in biomedical applications and monitoring systems, the Workshop covers all aspects of sustainability measurement concerning but not limited to energy, climate change, pollution, resource depletion, regulatory compliance, and policy implementation.

TOPICS for IEEE MetroSustainability 2025 include

- Alternative Energies, Energy Efficiency, Net Zero Energy Technologies
- Electrical Power and Smart Grids
- Air Quality Measurements, Environmental Measurements
- Low Carbon Technologies
- Traceability and Calibration Procedures
- Accuracy For Climate Data, Climate Measurement
- Legal Metrology and the Environment
- Emissions Measurement from Agriculture and Observation of Land Systems
- Vehicle Emission Standards, Measurement to enable Zero Emission Transport Solutions
- Material Testing and Process Development
- Measurement for Health

CALL for PAPERS

The Program Committee is inviting Extended Abstracts for IEEE MetroSustainability 2025.

Interested researchers, academics, practitioners and industry partners are invited to submit extended abstracts for the Workshop. Papers that involve joint authorship with students, industry and community partners are encouraged. Early career researchers and research students are also encouraged to contribute papers.

All contributions will be peer-reviewed and acceptance will be based on quality, originality and relevance. Accepted papers will be submitted for inclusion into IEEE Xplore Digital Library.